

Hopkins. I could go on and on with just about everyone from jazz to rock.

If you had to name your biggest influence, who would it be?

That's a hard one to answer because at one point I was sounding like everybody [laughs]! Then I welded it all into something else, so really my biggest influence is myself. Your biggest influences come from your major decisions, and my major decision was to think for myself and use everybody else as guidelines or roots. That's the most important thing, and I stress to all young artists that if they sound like somebody else, they'll probably make a good living, but if they really want to be completely happy and know their true selves, then they should recognize their individuality as human beings and have enough confidence to try things without relying on what they've heard before. □

ble. That thing is so sensitive; you don't want to hit a wrong note on it. I'm trying to keep the intensity, as if somebody else was playing the ARP.

Do you change your instrumentation or approach in the studio?

Not much, because I've always been conscious of not leaving the band in the studio. A lot of people sound nothing like their records because they do so much overdubbing that they can't duplicate their music onstage. Somebody else did play synthesizer on one of our albums, though, and it was the first time I'd ever been near one where you do the patch work yourself.

Do you have any final thoughts?

I just want to say that I hope there's enough here of what your readers want. I know CK is a technical magazine, but I'm more into the spirit and the soul of music. □

operatively with other trade groups, and making recommendations on various areas of interest shared by the member manufacturers. Questions about CAMEO may be directed to its pro tem director, David Schulman, Suite 3502 La Salle Plaza, 180 N. La Salle St., Chicago, IL 60601.

* * *

Toccatas And T-Shirts. The Organ Historical Society is selling tan T-shirts depicting its emblem, an 1824 Lemuel Hedge case once located at St. Paul's Episcopal Church in Windsor, Vermont, on the front, with the words "The Organ Historical Society" emblazoned above. Income from the shirt sales will be used to support OHS's activities, which include maintaining an organ history archives, sponsoring recitals, issuing recordings on historic instruments, and conducting an annual convention. Interested buyers should send \$4.45 and an indication of their size (small, medium, large, or extra-large) to the Society at Box 209, Wilmington, OH 45177.

* * *

CBS Buys Rodgers Organ. CBS Inc., which owns several major keyboard manufacturing operations, has acquired the Rodgers Organ Company, makers of electronic concert organs. Other CBS keyboard products include Steinway pianos, Gulbransen home organs, and Rhodes electric pianos.

Upcoming Features: Computers And Music, Synthesizers In College, Effects Devices



It's All At Your Fingertips
CHAMBERLIN

*Male Voices *Female Voices
*Harpsicord *Alto Sax
*Vibes *Violins *Cellos
*Clarinet *Trumpet
*Steel Guitar *Mandolins



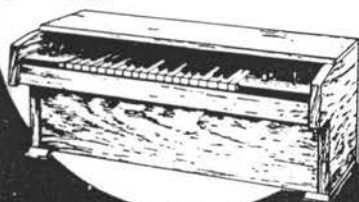
**CHAMBERLIN
INSTRUMENTS**
964 West 9th St.
Upland, Cal. 91786

THE Chamberlin

Reproduces the true sounds of violins, flutes, cello, banjo, bassoon, and many other instruments, using best quality tapes. Instruments can be played in single tones or chords.

Uses stereo heads under each key - two instruments can be blended together ■ Volume control; On-off switch

■ Fourteen different instrument combinations with a quick-change selector ■ New patented tape handling mechanism - The Chamberlin can be moved from place to place with no tape fouling ■ Dependable, easy to service ■ Hard-finish Formica; walnut grain finish.



964 West Ninth Street
Upland, California 91786
Phone: 714/985-3017

FROM THE PUBLISHER

Continued from page 3

have time to write Keyboard Report, do more feature interviews, and help out with some other special projects we'll be announcing in months to come.

It's the right move. Dominic is the right man, and Keyboard Report is the right column. Be sure to look for it next month.

If any of us at CK wore hats, they'd be off right now in tribute to two of our contributors, who copped Deems Taylor awards in the thirteenth annual ASCAP honors to authors and journalists in the music field.

A cash prize and a plaque went to Diane Sward Rapaport for her July 1979 *Contemporary Keyboard* article, "Making And Selling Your Own Record." This was the only magazine article Diane wrote during the year, as she was busy working on a book covering the same subject. Our other winner was Walter Schenkman, whose "A Do-It-Yourself Approach To Musical Analysis," appearing in our May '79 issue, was chosen for an award. Schenkman has made a number of contributions to CK, most recently "From Composer To Consumer," which appeared in the June '80 issue alongside Rapaport's "Promote Your Career." When the ASCAP folks get ready to make next year's awards, we'll make sure they know about these new articles by our knowledgeable and talented freelancers.

This is the third year in a row that CK has been tipped by the Deems Taylor committee for excellence in music writing - David Burge's *Contemporary Piano* column was a winner in both 1978 and 1979 - and we couldn't be more

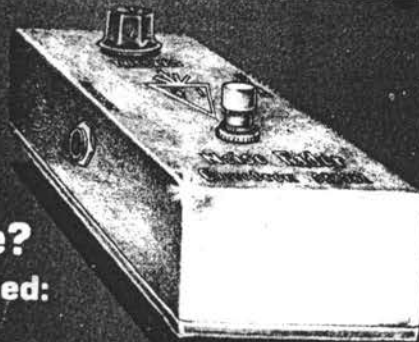
pleased. Hmmm . . . maybe some hats so we can have them on some occasions. Now, does anybody have a magazine that has a product like this?

Billy Taylor was on the road, unable to get his Jazz Improvisation column before deadline. And Tom was on vacation during the preparation of the Seminar column. Both columns will appear next month.

CAREER L

Peter Nero and the Philly large-scale Independence and concert live from Independence Hall in Philadelphia on July 4th. A crowd of 250,000 heard the program. American works (with Neuma) George Gershwin's *Rhapsody in Blue* finished in a fireworks display. **Shearing** has just completed for Concord Records with McRae. Shearing, who lives on the East Coast for many years, recently moved to New York City, necessitating a change of management. All management and will now be handled by Joanne Avenue Rd., Toronto, Ontario, Canada. . . Pianist **Stefan Bai** six retired music professors emeritus status by North Texas State University on June 18. He had his residence at the school for the

We asked:
Are Noise Gates Obsolete?
You answered:
Yes.



To the thousands of people who have purchased or heard our Noise Fader the difference is like night and day. To date no one has claimed that any noise gate can meet, let alone better the performance of our Noise Fader.

Those of you who have noise problems (and who doesn't?) will also love our low noise FET Pre-amp, which has a small fraction of the noise of other floor-box pre-amps. You will really hear your instrument for the first time.



CARROTRON
2934 Shasta Road
Berkeley, California 94708
Dealer & OEM inquiries invited.

Sam Ash

WORLD'S LARGEST DEALER

Electronic Keyboards

OBERHEIM • ARP • MOOG • YAMAHA • WURLER • CRUMAR • RHODES • HOHNER • MULTICO • CAT/KITTEN BY OCTAVE • RMI • NOVA • STEINER • PROPHET • HELPINSTEIN • ROLAND • ROBELLI

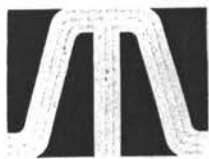
AMPLIFICATION & EFFECTS

BGW • ACOUSTIC • YAMAHA • PEAVEY • JBL • TAPCO • ROLAND • QSC • EMILAR • ELECTRO-VOICE • MXR • ROSS • ALTEC • CETEC • GAUSS • BIAMP • CERWIN • VEGA • ASHLY • ELECTRO • HARMONIX • DOD • BOSE • KUSTOM • FENDER • DELTA • A/DA • LAB • MU • TRON • CALZONE AND ANVIL CASES

Why wait? Call us now - we probably have it

HOTLINE CALL TOLL FREE:
800-645-3518
IN NEW YORK STATE CALL 212-347-7751

SINCE 1924
Sam Ash
MUSIC STORE



Sound Sales, Inc. of Sherman, Conn., recently designated exclusive Mellotron distributor for the entire Western Hemisphere, is pleased to introduce two new models. The first is the Mellotron 400 SM, replacing the old Mellotron 400 (now discontinued) and the new double keyboard Mellotron Mark V. Both new models are vast improvements over previous designs and are readily available. Sound Sales has also introduced new service procedures as well as a new unprecedented warranty (included in this brochure).



How The Mellotron Works

Mellotrons are keyboard instruments designed to allow the player to reproduce the sound of any live or synthesized instrument at the touch of a key. This is achieved by a series of controlled playback heads which play back any pre-recorded tape at the touch of a corresponding key. Each key on the Mellotron has its own piece of tape and its own playback head. On the tape can be recorded any sound at all, each tape 3 tracks wide. So you have 35 keys, 35 heads, and 35 separate pieces of 3 track tapes. (Mellotron Mark V has two keyboards) All the tapes are arranged by customer's specifications, and there are endless combinations and mixtures readily available.

The Mellotron system permits all the tapes to be "cued" when any key is pressed. By means of a spring return system, any tape can be played to a maximum length of 8 to 10 seconds, and will return to the start instantly at the release of the key.

In order for the Mellotron to reproduce actual instruments as played, the endless loop system of recording is not used. Unlike a poly-phonic synthesizer, the Mellotron actually plays back a recording of the instrument with its own "Attack" characteristics. For instance, only on the Mellotron can a flute be played that is "tongued" at the attack of the note, or voices that pronounce "A-h-h" at the touch of a key. This returning tape system also allows any percussive sounds to be played back, such as Timpani drums, vibes, pianos, bells, chimes, gongs, cymbals and 1200 different 8 second sound effects, such as airplanes, cars, explosions, wind and rain storms, applause, laughter, etc.

Actually the sounds one Mellotron can make are limitless, including all and any musical instrument, and natural and unnatural sounds. All of these sounds and instruments can be mixed together to form different "sets" of tapes (a set consisting of 35 3-track tapes). These various sets are installed on the "removable tape frame" which will fit any Mellotron. This removable tape frame can be removed from the Mellotron and another set replaced, in a matter of two to three minutes without the use of any tools! This permits you to build a library of sounds and interchange them easily. Our new 1/4 inch tape conversion kit costing less than \$75.00 will enable anyone to make their own Mellotron tapes. This is yet another feature that no other keyboard can offer. Imagine making voice tapes of yourself or your group allowing you to sing a song and play chords and harmonies of your own voice on the Mellotron!

The Chamberlin is what I actually have — It is very similar to the Mellotron, which is why I included this info!

2 Chamberlins w/ Anvil Flight cases and a lot of sound tapes. Call if interested in a listing of the different sounds. Mint Condition \$600⁰⁰ each

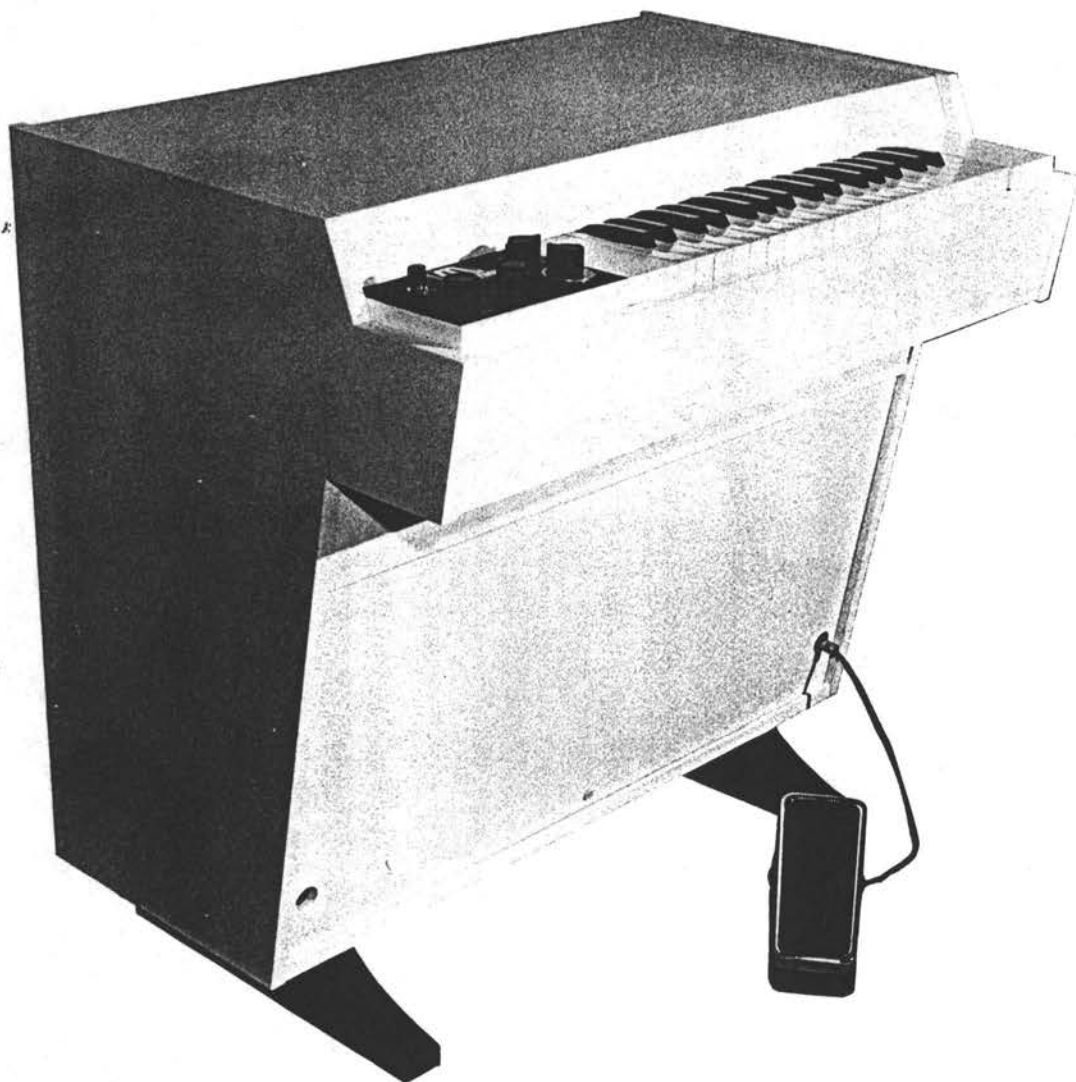
* Chamberlins are better than Mellotrons - Stereo cuts - 8 sounds available at a time vs. 3, etc.

MELLOTRON[®]

400SM

Mellotron 400 SM

- Single keyboard, compact size, versatile, great for concert tours
- 35 note keyboard, three track tapes
- New Servo Motor System, stable pitch over range of loads and voltages
- New "I.C." pre-amps, clean amplification head phone monitoring
- Dual outputs (high and low) can be used together or separately
- Redesigned mechanical arrangement (ease of operation)
- Volume, tone, 5 position track selector
- 5 to 1 geared pitch control for variable tuning and transposing

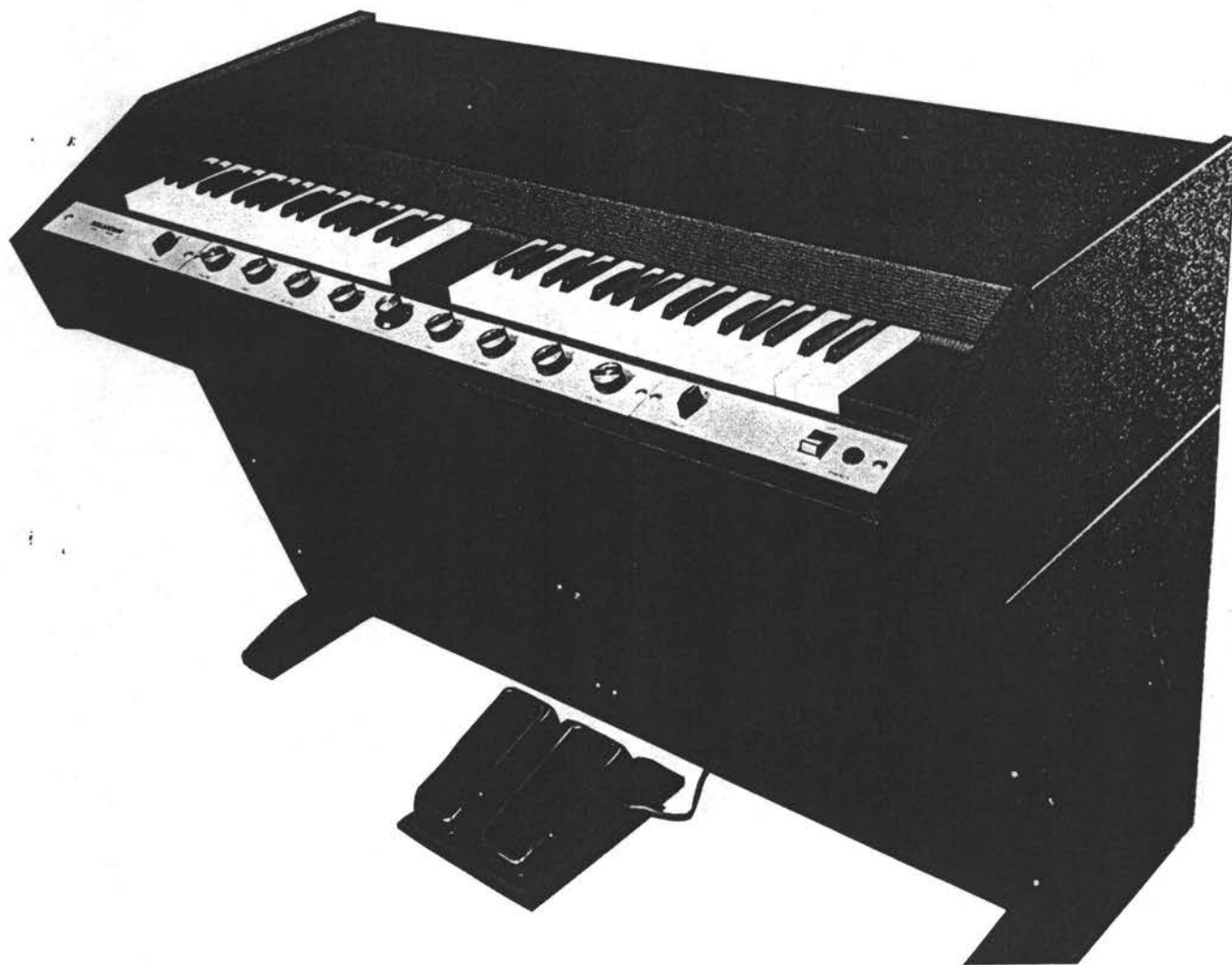


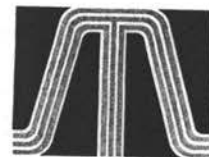
MELLOTRON[®]

MARK V

Mellotron Mark V

- 70 Note keyboard range, 35 left, 35 right
- Two completely independent channels with high and low outputs for each channel
- Stereo panning across each channel
- Stereo reverb and stereo headphone jack
- Includes custom made tape selections for left and right, with dual swell pedals
- Includes all metal cripple creek case
- Reinforced extra strong cabinet construction
- Volume, tone, reverb, and panning control each channel
- Master pitch control, both keyboards, work off single capstan drive





Using and Operating the Mellotron

The Mellotron is a basically simple mechanical instrument. Depressing a key simply drives a tape by means of the rotating capstan and the tape, being spring loaded, will return to start instantly upon release of the key. This mechanical system makes it very much unlike any synthesizers or electronic organs. There are no complicated electronic controls which might take weeks or months to learn how to operate. The Mellotron control panel consists of a master volume control for mixing used with swell panel; a high-low filter tone control; a variable geared pitch control; a multiposition track selector and the illuminated on/off switch.

Because the Mellotron action is controlled under the key similar to a piano, this eliminates any contact switching used with flimsy plastic keys as in all synthesizers and organs. The Mellotron keys are made from real pine manufactured especially for the Mellotron. Keys are covered in "Ivorette", the same as that used by many piano companies. This enables the Mellotron to have a unique "feel" when played. The keys even have individual adjustment for action enabling the player to control the "touch" of the Mellotron. When operating, you must consider that you are playing real instruments and the style of playing will vary according to the instruments being played. Certain instruments have a better "action" than others. For example, sustained violins have a slow smooth action, while all percussive instruments like vibes, bells, synthesizer, organ, etc., will have a very fast lead or action.

Your imagination is the only limit to what you can do with your Mellotron, as so many instruments and sound effects are available to you.

Playing the Mellotron and Installing Sound Systems

The Mellotron has a built-in pre-amp for headphone monitoring and dual level outputs, but no main amp or speakers are included. (Selection of an amplification system is an important consideration and should be chosen to suit the Mellotron's application.) Outputs

provided enable the Mellotron to be run thru virtually any system from a small home stereo to a massive P.A. system. The two outputs are as follows:

Attenuated output (Low Level): This output is used with any system that normally accepts guitars, mikes, or anything that does not have its own pre-amps.

Direct output (High Level): Used with slave type power amps, or to mixer being driven by power amps.

Both outputs can be used together such as low level to amps and high level to recording equipment, or monitors and P.A. simultaneously.

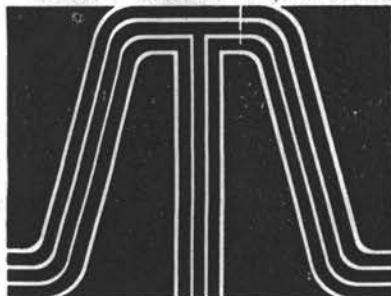
Mellotron tapes are recorded "Dry"; that is, no reverb or echo is added. To achieve "Live" sound, it is important that this be added. Built in Reverb is available for M 400 SM and is standard on the Mark V.

Echo units also have great effect on all Mellotron tapes. Other recommended attachments that "enhance" the Mellotron for certain effects are graphic equalizers, phase shifters, or other similar sound modification devices.

Conversions, Updating

To many of you the Mellotron may seem like a brand new instrument. Actually it is not. Mellotrons have been in existence since 1963 in very limited production. The new Mellotron 400 SM and Mark V are now the fifth generation Mellotron Products and we've come a long way in their development. This new generation of Mellotrons boast modern integrated circuit design. The servo-motor system is the most stable ever; it holds true to pitch under all kinds of temperature, voltage and load changes! The "I.C." pre-amps provide clean reproduction of the tapes, and matching outputs eliminates any need for line transformers or attenuators. Changes in cabinet construction and internal metal frame work make it very dependable for the road, home, church or studio.

Best of all, any existing Mellotrons manufactured before the SM models can be modified to new SM specifications. Conversion includes the latest improvements, completely rebuilt inside, all electronics replaced, and we have an unprecedented warranty offer for any converted Mellotron. Assigning a new SM serial number to a converted Mellotron warrants the unit the same as a new Mellotron.



MELLOTRON®

Mellotron Tape Library

Live Bank Programs

Violins (3 in unison)
Viola (solo)
Cello (solo)
Honky Tonk Piano
Clavinet
Fender Rhodes
GC3 Brass
GC3 Sax Section (2 tenor - 2 alto)
Piano Bass (grand piano)
Acoustic Guitar
Flute (solo - all purpose)
Clarinet
Oboe (solo)
Bassoon (solo)
Brass (Trumpet, Trombone and Sax in unison)
Trombone (solo)
French Horn (solo)
Tenor Saxophone (solo)
Church Organ (including bass pedal)
Pipe Organ (3 Diff. Stops)
Mandolin
Marimba
Vibraphone (with vibrato)
Vibraphone (without vibrato)
*Tubular Bells
*Glockenspiel
*Tympani Roll
*Tympani Hit
Single Percussion Effects, e.g., Chinese gong, cymbal crash, etc.

Choose from nine different programs of poly-phonic moog synthesizer sounds.

Tapes & Frames

Set of Special Tapes	\$ 270.00
Tape Frame — no tapes	\$ 270.00
Set of Special Tapes on Frame	\$ 540.00
Set of Standard BB Tapes (Flute/Violin/Cello)	\$ 140.00
Set of Standard BB Tapes on Frame	\$ 410.00
Set of Standard Tuned Tapes (Choir/3Violins/Flute)	\$ 170.00
Single BB Tapes	\$ 6.00
Conversion Kit	\$ 75.00

ted range.

Voice Programs

Voices (4 female)
Voices (4 male)
Choir (4 male, 4 female)
Choir (15 voice mixed)
Boys Choir (16 voices)

Recommended Program Mixes

1. String Section (Violins, Viola, Cello)
—full bodied rich string sound
2. Brass Section (includes synthesized brass)
—thick biting effect
3. Woodwind Section (Bassoon, Oboe, Flute)
4. Church Organ & Choir
5. String Section & Choir
6. Violins & Organ (Church) with bass pedal
7. Viola & Cello
8. Electric Piano and Honky Tonk Piano
9. Pipe Organ

A large sound effect library is available, details on request. Any effects or number of effects can be inserted on any position on the Mellotron Keyboard. For example: laughter, applause, drum roll, etc.

Any of the above sounds can be mixed together on one track

Sound Sales Inc. & Mellotron pursue a policy of continued development, therefore information is subject to change without prior notice.

Exclusive Mellotron Distributor,
U.S.A., Canada, South and Central America



SOUND SALES INC.

Route 37 Sherman, Conn. 06784 (203) 355-1256



PRICE LIST

MELLOTRON®

Mellotron

January 1, 1976

Mellotron 400 SM w/Swell Pedal & Protector Muff w/Standard BB Tapes	\$3,500.00
---	------------

Mellotron 400 SM w/Swell Pedal Cripple Creek Hard Shell Case, 1 Standard Set of Tapes, 1 Set of Special Tapes, (of your choice) on frame and w/case	\$4,500.00
--	------------

Mellotron Mark V w/Cripple Creek Case 2 Sets of Special Tapes	\$8,500.00
---	------------

Tapes & Frames

Set of Special Tapes	\$ 270.00
----------------------	-----------

Tape Frame — no tapes	\$ 270.00
-----------------------	-----------

Set of Special Tapes on Frame	\$ 540.00
-------------------------------	-----------

Set of Standard BB Tapes (Flute/Violin/Cello)	\$ 140.00
--	-----------

Set of Standard BB Tapes on Frame	\$ 410.00
-----------------------------------	-----------

Set of Standard Tuned Tapes (Choir/3Violins/Flute)	\$ 170.00
---	-----------

Single BB Tapes	\$ 6.00
-----------------	---------

1/4" Conversion Kit	\$ 75.00
---------------------	----------

Cases

Protector Muff	\$ 150.00
----------------	-----------

Cripple Creek Hard Shell Case (for Mellotron 400 & 400 SM)	\$ 470.00
---	-----------

Tape Frame Carrying Case	\$ 50.00
--------------------------	----------

